



IFWO

RAW SEQUENCE LISTING

DATE: 08/13/2004

PATENT APPLICATION: US/10/759,379

TIME: 10:45:14

Input Set : D:\407c12.app.txt

Output Set : N:\CRF4\08132004\J759379.raw

3 <110> APPLICANT: Blaschuk, Orest W.
 4 Symonds, James Matthew
 5 Byers, Stephen
 6 Gour, Barbara J.
 8 <120> TITLE OF INVENTION: METHODS FOR DIAGNOSING AND EVALUATING CANCER
 10 <130> FILE REFERENCE: 100086.407C12
 12 <140> CURRENT APPLICATION NUMBER: US 10/759,379
 C--> 13 <141> CURRENT FILING DATE: 2004-01-16
 15 <150> PRIOR APPLICATION NUMBER: 09/305,928
 16 <151> PRIOR FILING DATE: 1999-05-05
 18 <150> PRIOR APPLICATION NUMBER: 09/234,395
 19 <151> PRIOR FILING DATE: 1999-01-20
 21 <150> PRIOR APPLICATION NUMBER: 09/187,859
 22 <151> PRIOR FILING DATE: 1998-11-06
 24 <150> PRIOR APPLICATION NUMBER: 09/073,040
 25 <151> PRIOR FILING DATE: 1998-05-05
 27 <160> NUMBER OF SEQ ID NOS: 324
 29 <170> SOFTWARE: PatentIn Ver. 2.0
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 5
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Unknown
 36 <220> FEATURE:
 37 <221> NAME/KEY: MOD_RES
 38 <222> LOCATION: (2)
 39 <223> OTHER INFORMATION: Where Xaa is any amino acid
 41 <220> FEATURE:
 42 <223> OTHER INFORMATION: Description of Unknown Organism: Calcium Binding
 43 Motif in Extracellular domains of Classical
 44 Cadherins
 46 <400> SEQUENCE: 1
 W--> 47 Asp Xaa Asn Asp Asn
 48 1 5
 50 <210> SEQ ID NO: 2
 51 <211> LENGTH: 4
 52 <212> TYPE: PRT
 53 <213> ORGANISM: Unknown
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Description of Unknown Organism: Calcium Binding
 57 Motif in Extracellular domains of Classical
 58 Cadherins
 60 <400> SEQUENCE: 2
 61 Leu Asp Arg Glu

ENTERED

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62 1
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 9
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
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74 Ile Phe Val Ile Asp Asp Lys Ser Gly
75 1 5
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 106
79 <212> TYPE: PRT
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 4
83 Gly Trp Val Trp Asn Gln Phe Phe Val Ile Glu Glu Tyr Thr Gly Pro
84 1 5 10 15
86 Asp Pro Val Leu Val Gly Arg Leu His Ser Asp Ile Asp Ser Gly Asp
87 20 25 30
89 Gly Asn Ile Lys Tyr Ile Leu Ser Gly Glu Gly Ala Gly Thr Ile Phe
90 35 40 45
92 Val Ile Asp Asp Lys Ser Gly Asn Ile His Ala Thr Lys Thr Leu Asp
93 50 55 60
95 Arg Glu Glu Arg Ala Gln Tyr Thr Leu Met Ala Gln Ala Val Asp Arg
96 65 70 75 80
98 Asp Thr Asn Arg Pro Leu Glu Pro Pro Ser Glu Phe Ile Val Lys Val
99 85 90 95
101 Gln Asp Ile Asn Asp Asn Pro Pro Glu Phe
102 100 105
104 <210> SEQ ID NO: 5
105 <211> LENGTH: 106
106 <212> TYPE: PRT
107 <213> ORGANISM: Mus musculus
109 <400> SEQUENCE: 5
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111 1 5 10 15
113 Asp Pro Val Leu Val Gly Arg Leu His Ser Asp Ile Asp Ser Gly Asp
114 20 25 30
116 Gly Asn Ile Lys Tyr Ile Leu Ser Gly Glu Gly Ala Gly Thr Ile Phe
117 35 40 45
119 Val Ile Asp Asp Lys Ser Gly Asn Ile His Ala Thr Lys Thr Leu Asp
120 50 55 60
122 Arg Glu Glu Arg Ala Gln Tyr Thr Leu Met Ala Gln Ala Val Asp Arg
123 65 70 75 80
125 Asp Thr Asn Arg Pro Leu Glu Pro Pro Ser Glu Phe Ile Val Lys Val
126 85 90 95
128 Gln Asp Ile Asn Asp Asn Pro Pro Glu Phe
129 100 105

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131 <210> SEQ ID NO: 6
132 <211> LENGTH: 108
133 <212> TYPE: PRT
134 <213> ORGANISM: Homo sapiens
136 <400> SEQUENCE: 6
137 Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
138   1           5           10           15
140 Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
141           20           25           30
143 Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
144   35           40           45
146 Gly Ile Phe Ile Leu Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
147   50           55           60
149 Pro Leu Asp Arg Glu Gln Ile Ala Arg Phe His Leu Arg Ala His Ala
150  65           70           75           80
152 Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
153           85           90           95
155 Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
156   100           105
158 <210> SEQ ID NO: 7
159 <211> LENGTH: 108
160 <212> TYPE: PRT
161 <213> ORGANISM: Mus musculus
163 <400> SEQUENCE: 7
164 Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
165   1           5           10           15
167 Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
168           20           25           30
170 Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
171   35           40           45
173 Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
174   50           55           60
176 Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
177  65           70           75           80
179 Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
180           85           90           95
182 Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
183   100           105
185 <210> SEQ ID NO: 8
186 <211> LENGTH: 108
187 <212> TYPE: PRT
188 <213> ORGANISM: Bos taurus
190 <400> SEQUENCE: 8
191 Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
192   1           5           10           15
194 Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
195           20           25           30
197 Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
198   35           40           45

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200 Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
201      50                      55                      60
203 Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
204  65                      70                      75                      80
206 Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
207                      85                      90                      95
209 Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
210      100                      105
212 <210> SEQ ID NO: 9
213 <211> LENGTH: 9
214 <212> TYPE: PRT
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
219      Synthesis based on Human OB-Cadherin
221 <220> FEATURE:
222 <221> NAME/KEY: MOD_RES
223 <222> LOCATION: (1)
224 <223> OTHER INFORMATION: ACETYLTATION
226 <220> FEATURE:
227 <221> NAME/KEY: MOD_RES
228 <222> LOCATION: (9)
229 <223> OTHER INFORMATION: AMIDATION
231 <400> SEQUENCE: 9
232 Ile Phe Val Ile Asp Asp Lys Ser Gly
233  1      5
235 <210> SEQ ID NO: 10
236 <211> LENGTH: 9
237 <212> TYPE: PRT
238 <213> ORGANISM: Unknown
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Unknown Organism: Consensus Cell
242      Adhesion Recognition Sequence in an OB-Cadherin
244 <220> FEATURE:
245 <221> NAME/KEY: MOD_RES
246 <222> LOCATION: (1)
247 <223> OTHER INFORMATION: Where Xaa is and independently selected amino acid
249 <220> FEATURE:
250 <221> NAME/KEY: MOD_RES
251 <222> LOCATION: (3)
252 <223> OTHER INFORMATION: Where Xaa is either Valine of Serine
254 <220> FEATURE:
255 <221> NAME/KEY: MOD_RES
256 <222> LOCATION: (4)
257 <223> OTHER INFORMATION: Where Xaa is either Isoleucine or Valine
259 <220> FEATURE:
260 <221> NAME/KEY: MOD_RES
261 <222> LOCATION: (5)
262 <223> OTHER INFORMATION: Where Xaa is either Aspartate or Glutamate

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264 <220> FEATURE:
265 <221> NAME/KEY: MOD_RES
266 <222> LOCATION: (6)
267 <223> OTHER INFORMATION: Where Xaa is an Independently selected amino acid
269 <220> FEATURE:
270 <221> NAME/KEY: MOD_RES
271 <222> LOCATION: (7)
272 <223> OTHER INFORMATION: Where Xaa is an independently selected amino acid
274 <220> FEATURE:
275 <221> NAME/KEY: MOD_RES
276 <222> LOCATION: (8)
277 <223> OTHER INFORMATION: Where Xaa is either Serine or Threonine
279 <400> SEQUENCE: 10
W--> 280 Xaa Phe Xaa Xaa Xaa Xaa Xaa Xaa Gly
281   1           5
283 <210> SEQ ID NO: 11
284 <211> LENGTH: 4
285 <212> TYPE: PRT
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
290   Synthesis based on Human OB-Cadherin
292 <400> SEQUENCE: 11
293 Ile Asp Asp Lys
294   1
296 <210> SEQ ID NO: 12
297 <211> LENGTH: 4
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
303   Synthesis based on Human OB-Cadherin
305 <400> SEQUENCE: 12
306 Asp Asp Lys Ser
307   1
309 <210> SEQ ID NO: 13
310 <211> LENGTH: 5
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Product of
316   Synthesis based on Human OB-Cadherin
318 <400> SEQUENCE: 13
319 Val Ile Asp Asp Lys
320   1           5
322 <210> SEQ ID NO: 14
323 <211> LENGTH: 5
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/759,379

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2

Seq#:10; Xaa Pos. 1, 3, 4, 5, 6, 7, 8

VERIFICATION SUMMARY

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0